

Docket No. 67,064-001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application: Jyawook, et al.  
Serial No.: 10/077,427  
Filed: 02/15/2002  
Group Art Unit: 1771  
Examiner: Vo, Hai  
For: THERMOPLASTIC VEHICLE WEATHER STRIPPING

**DECLARATION UNDER 37 CFR 1.132  
REGARDING COMMERCIAL SUCCESS**

I, Sam Jyawook, declare the following.

I am one of the coinventors of the invention that is the subject of United States Patent Application No. 10/077,427. I am the President and Chief Executive Officer of JYCO Sealing Technologies ("JYCO"), which is the assignee of this application.

JYCO is in the business of selling weather stripping seals for automotive vehicles. One of JYCO's products is a microcellular TPV material weather stripping seal made according to my invention that is the subject of this application. JYCO recently obtained a substantial purchase order from DaimlerChrysler for such a seal.

The claims of the patent application include the following:

1. A weather stripping for use in sealing an interface between selected portions of a vehicle, comprising:  
a body portion that is adapted to be supported on a selected one of the vehicle portions; and  
a sealing portion extending at least partially away from the body portion, the sealing portion and the body portion comprising the same thermoplastic material having a microcellular structure.
2. The weather stripping of claim 1, wherein the thermoplastic material comprises thermoplastic vulcanizate.

Docket No. 67,064-001

15. A weather stripping for use in sealing an interface between selected portions of a vehicle, the weather stripping having a body portion that is adapted to be supported on a selected one of the vehicle portions and a sealing portion extending at least partially away from the body portion, made by the process comprising the steps of:

- melting a thermoplastic material;
- introducing a supercritical fluid into the melted thermoplastic material;
- forming a microcellular structure in the thermoplastic material using the supercritical fluid; and
- forming the entire weather stripping from the thermoplastic material having the microcellular structure.

16. The weather stripping of claim 15, wherein the thermoplastic material comprises thermoplastic vulcanizate.

The weather stripping seals that are the subject of the recent purchase order from DaimlerChrysler are consistent with our invention and satisfy at least the claims quoted above. I understand that there are other claims in the patent application that are also satisfied by those seals but I have not been asked to review those claims at this time or to comment on them. The seals that are the subject of this Declaration have a body made of TPV with a microcellular structure. I understand the language of the quoted claims. The seals that DaimlerChrysler has ordered from JYCO satisfy the requirements of the quoted claims.

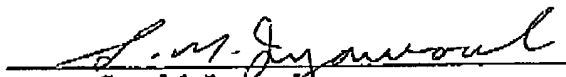
Exhibit A attached to this Declaration is a copy of a purchase order no. 04204019, which shows an issued status date of February 18, 2004. According to the terms of that purchase order, an annual volume of 147,768 seals at \$5.40 per seal will result in almost \$800,000 in sales per year. This purchase order from DaimlerChrysler demonstrates that our invention is already commercially successful.

Exhibit B is an illustration of the seal that is the subject of the purchase order of Exhibit A.

Docket No. 67,064-001

I believe that JYCO was awarded the purchase order of Exhibit A because of the superior performance provided by a weather strip seal made according to our invention.

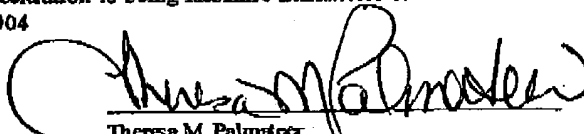
I declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true. I acknowledge that any willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001) and may jeopardize the validity of the application or any patent issuing thereon.

  
Sam M. Jyawook

Dated: March 24, 2004

**CERTIFICATE OF FACSIMILE**

I hereby certify that this Declaration is being facsimile transmitted to the Patent and Trademark Office (Fax No. (703) 872-9306) on March 24, 2004

  
Theresa M. Palmatier

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Part Update

Page 1 of 1

## EXHIBIT A

**CHANGE NOTICE**

Category: Total User: S98229E

Home **Change Notice** IAA Process




CN Home &gt; Desk Organizer &gt; CN Numbers &gt; Part Numbers &gt; Part Update

March 8, 2004



**Tool Detail:** **Cost Remarks:****Supplier :** 49435 JYCO SEALING TECHNOLOGIES**CN Number :** 30908T00 **Status/Date :** ALL CNA ISSUED - 02/18/04**Effectivity :** 2005 - S2 2004 - V-2**Part Number :** 55364487AA **Part Desc :** SEAL ASSY - BODY SIDE UPR LT**Part Action :** ADD **Supersedece :** S/S 55364098AB**Mfg. Supplier :** 49435 - JYCO SEALING TECHNOLOGIES**Buyer :** 122204 - R.E. SHERRILL**PO :** 04204019**TPO :** **Annual Volume :** 147768**Inquiry:** **Update:****Updated By :** S98229E **Date Updated:** 02/12/04

The Following Information Is Effective Until:

**Funds:** CA**Unit of Measure:** EA**Serviceability:** ☐

Timing	Days From Decision	Calculated Date	Actual Date
<b>Dim Warrant:</b>			02/20/04 
<b>Lab Warrant:</b>			02/20/04 
<b>Material Avail:</b>			04/27/04 

Cost	Committed	Low Range	High Range	Resolution
<b>Pieces:</b>	5.4000			
<b>Tool:</b>	0			

The following Costs Do Not Generate Payments:

**Supplier E/O :** 0**Supplier Other :** 0

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<https://gsp.extra.daimlerchrysler.com/changenotice/TransManager>

3/8/2004

Part Update

Page 1 of 1

**CHANGE NOTICE**

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[Home](#) [Change Notice](#) [IAA Process](#)[CN Home](#) > [Desk Organizer](#) > [CN Numbers](#) > [Part Numbers](#) > [Part Update](#)

March 8, 2004

**PART NUMBER UPDATE**[Tool Detail](#) [Cost Remarks](#)**Supplier :** 49435 JYCO SEALING TECHNOLOGIES**CN Number :** 30908T00 **Status/Date :** ALL CNA ISSUED - 02/18/04**Effectivity :** 2005 - S2 2004 - V-2**Part Number :** 55364486AA **Part Desc :** SEAL ASSY - BODY SIDE UPR RT**Part Action :** ADD **Supersedence :** S/S 55364098AB**Mfg. Supplier :** 49435 - JYCO SEALING TECHNOLOGIES**Buyer :** 122204 - R.E. SHERRILL**PO :** 04204019**TPO :** T042040068**Annual Volume :** 147768**Inquiry :** Update**Updated By :** S98229E **Date Updated:** 02/12/04

The Following Information Is Effective Until:

**Funds:** CA**Unit of Measure:** EA**Serviceability:** ☐

Timing	Days From Decision	Calculated Date	Actual Date
Dim Warrant:			02/20/04
Lab Warrant:			02/20/04
Material Avail:			04/27/04

Cost	Committed	Low Range	High Range	Resolution
Piece:	5,4000			
Tool:	64911			

The following Costs Do Not Generate Payments:

**Supplier E/O :** 0**Supplier Other :** 0

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**CHANGE NOTICE**

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March 8, 2004

**INQUIRY COMPLETE - PLEASE PROCEED****Supplier :** 49435 - JYCO SEALING TECHNOLOGIES**CN Number :** 30908T00 • **Status/Date :** ALL CNA ISSUED - 02/18/04**Locate :** [Inquiry](#)

Page 1 • of 1 View 10 Lines •

Part Number	Part Action PCL RFQ	Supercedence	Comtd	Piece Cost		Comtd	Dtl	Tool Cost	
				Low	High			Low	High
55364486AA	ADD	Y	55364098AB	5.4000		64911	X		
55364487AA	ADD	Y	55364098AB	5.4000		0	X		

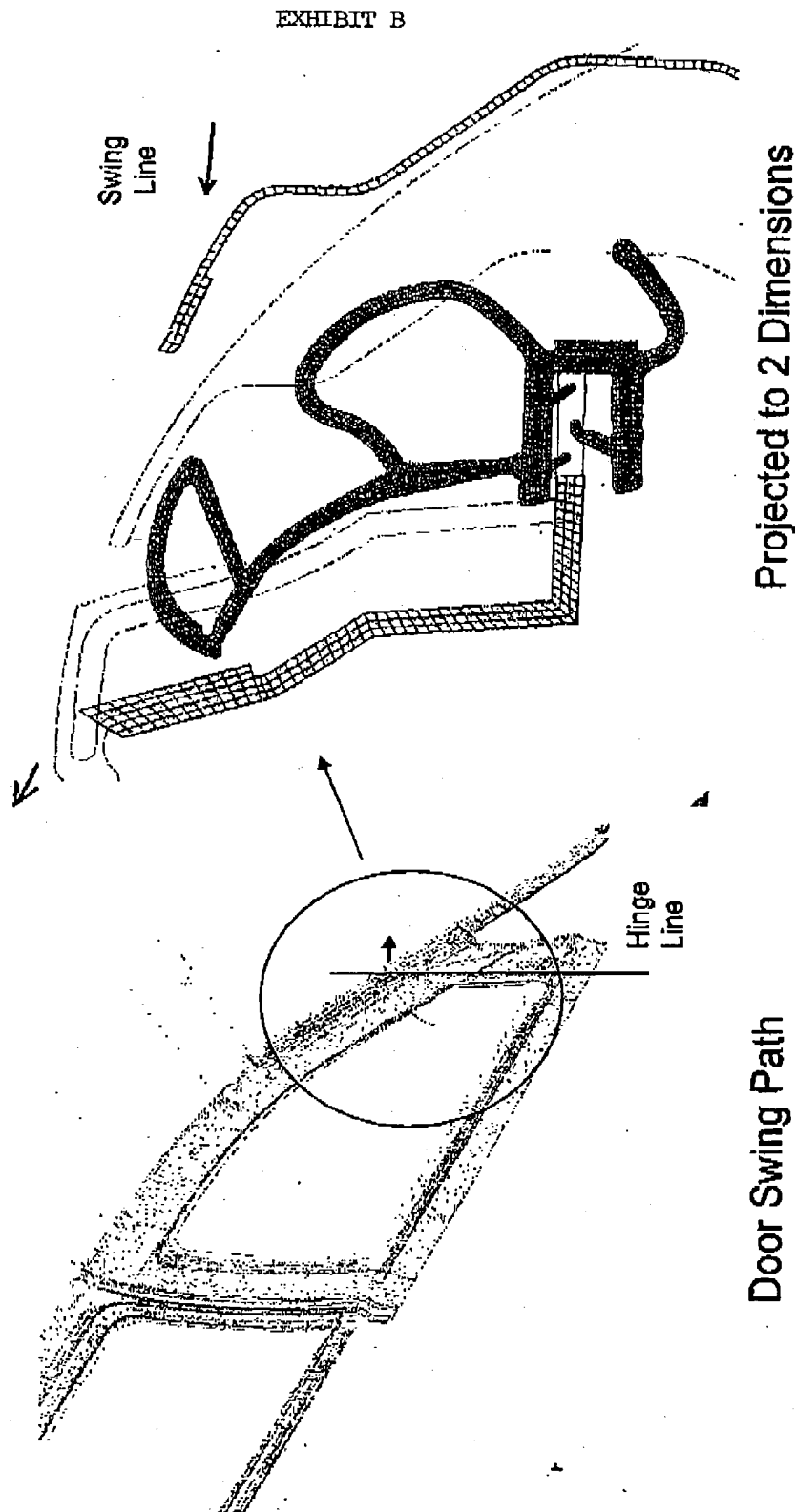
◀ ▶ | Page 1 of 1 | Items: 2

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3/8/2004

# A-Pillar Door Section – Swing Study Overview



12/8/03

Project Ref. No. 2003.062-3

2